Roads

ROADS

- <u>Ijamsville Road Corridor Improvements</u> Ijamsville Road is the main north-south connection between the Lake Linganore area and I-270. Phase 2, will provide a minor arterial roadway from the railroad tracks to MD 144. Construction is scheduled in FY13.
- Boyers Mill Road Project will provide a new two-lane road from Gas House Pike to Old National Pike. Construction is scheduled for FY15.
- West Frederick Intersection Improvements This project replaces Christophers Crossing Widening and Yellow Springs Road Improvements projects, and will use as a guide the recommendations included in the "Christophers Crossing/Yellow Springs Road Corridor Traffic Study" Dated February 2009. The three intersections for improvements are Christophers Crossing at Yellow Springs Road, Yellow Springs Road at Clover Hill Drive/Tuscarora Drive, and Shookstown Road at Bowers Road/Kemp Lane. Construction is scheduled for FY14.
- Old National Pike This project will upgrade Old National Pike from MD 144 to New Market with planning and design scheduled in FY14 and FY17, respectively.
- Reich's Ford Road Phase 2 will reconstruct an

additional 1.6 miles from Bartonsville Road to Ijamsville Road as well as upgrade/replace two bridges. Planning and project management are scheduled in FY2015 and FY2016.



Reich's Ford Road Ph 1 - Retaining Wall

- Reels Mill Road Phase 2 will improve Reels Mill Road from MD 355 to Ball Road to meet Local Road standards. The total project length is approximately 1.0 mile and is scheduled to receive design funding in FY2016.
- Yeagertown Road (from Boyers Mill Road to Old National Pike) This project will upgrade the existing tar and chip road to a minor arterial from Boyers Mill Road for 0.7 miles and the remaining 1.1 miles will be upgraded to local status. Funding for planning is scheduled in FY2016.

FREDERICK COUNTY FY 2012 - 2017 CAPITAL IMPROVEMENTS PROGRAM

ADOPTED TOTAL

ROADS All Amounts are in (000)s of Dollars

	TOTAL	PPIOP	ADODTED						
PDO IFOT.	PRIOR &	PRIOR	ADOPTED	EV 2012	EV 2012	EV 2014	EV 2015	EV 2016	EV 2017
PROJECT:	ADOPTED	APPROVAL	TOTAL	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Ijamsville Road Corridor Imps - Ph 2	7,411.00	1,411.25	5,999.75	282.75	5,717.00	-	-	-	-
Boyers Mill Road	8,915.00	1,514.55	7,400.45	300.00	1,000.00	1,153.45	4,947.00	-	-
West Frederick Intersections Improvement	885.00	152.00	733.00	-	128.00	605.00	-	-	-
Old National Pike (from MD 144 to New Mkt.)	768.00	36.00	732.00	-	-	329.00	-	-	403.00
Shockley Drive/Spectrum Drive	137.00	2.00	135.00	-	-	135.00	-	-	-
Reichs Ford Road - Phase 2	491.00	-	491.00	-	-	-	300.00	191.00	-
Yeagertown Road	329.00	-	329.00	-	-	-	-	329.00	-
Reels Mill Road - Ph 2	181.00	-	181.00	-	-	-	-	181.00	-
TOTALS	19,117.00	3,115.80	16,001.20	582.75	6,845.00	2,222.45	5,247.00	701.00	403.00
SOURCE OF FUNDS:									
COCKOL OF FORDO.									
GENERAL FUND	786.99	323.24	463.75	282.75	-	-	-	181.00	-
GENERAL OBLIGATION BONDS	14 462 01	2 421 56	12 041 45		E 94E 00	1 250 45	4 747 00	191.00	
GENERAL OBLIGATION BONDS	14,463.01	2,421.56	12,041.45	-	5,845.00	1,258.45	4,747.00	191.00	-
BUILDING EXCISE TAX	3,867.00	371.00	3,496.00	300.00	1,000.00	964.00	500.00	329.00	403.00
GRANTS	-	-	-	-	-	-	-	-	-
TOTALS	19,117.00	3,115.80	16,001.20	582.75	6,845.00	2,222.45	5,247.00	701.00	403.00
<u> </u>	,	5, 5.00	. 0,0020	552.76	0,0.0.00	_,	0,=00		.00.00

FREDERICK COUNTY FY 2012 - 2017 CAPITAL IMPROVEMENTS PROGRAM

ADOPTED TOTAL

ROADS All Amounts are in (000)s of Dollars

	TOTAL								
	PRIOR &	PRIOR	ADOPTED						
PROJECT:	ADOPTED	APPROVAL	TOTAL	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
GENERAL FUND:									
Ijamsville Road Corridor Imps - Ph 2	292.75	10.00	282.75	282.75	-	-	-	-	_
Boyers Mill Road	275.24	275.24	-	-	-	-	-	-	-
West Frederick Intersections Improvements	-	-	-	-	-	-	-	-	-
Old National Pike (from MD 144 to New Mkt.)	36.00	36.00	-	-	-	-	-	-	-
Shockley Drive/Spectrum Drive	2.00	2.00	-	-	-	-	-	-	-
Reichs Ford Road - Phase 2	-	-	-	-	-	-	-	-	-
Yeagertown Road	-	-	-	-	-	-	-	-	-
Reels Mill Road - Ph 2	181.00	-	181.00	-	-	-	-	181.00	-
TOTAL - GENERAL FUND	786.99	323.24	463.75	282.75	-	-	-	181.00	
GENERAL OBLIGATION BONDS:									
Ijamsville Road Corridor Imps - Ph 2	7,018.25	1,301.25	5,717.00	-	5,717.00	-	-	-	_
Boyers Mill Road	6,520.76	1,120.31	5,400.45	-	-	653.45	4,747.00	-	-
West Frederick Intersections Improvements	733.00	-	733.00	-	128.00	605.00	-	-	-
Old National Pike (from MD 144 to New Mkt.)	-	-	_	-	-	-	-	-	-
Shockley Drive/Spectrum Drive	-	-	-	-	-	-	-	-	-
Reichs Ford Road - Phase 2	191.00	-	191.00	-	-	-	-	191.00	-
Yeagertown Road	-	-	-	-	-	-	-	-	-
Reels Mill Road - Ph 2	-	-	-	-	-	-	-	-	-
TOTAL - GENERAL OBLIGATION BONDS	14,463.01	2,421.56	12,041.45		5,845.00	1,258.45	4,747.00	191.00	_

FREDERICK COUNTY FY 2012 - 2017 CAPITAL IMPROVEMENTS PROGRAM

ADOPTED TOTAL

ROADS All Amounts are in (000)s of Dollars

TOTAL PRIOR & PRIOR **ADOPTED** PROJECT: ADOPTED **APPROVAL** FY 2014 FY 2015 **TOTAL** FY 2012 FY 2013 FY 2016 FY 2017 **BUILDING EXCISE TAX** Ijamsville Road Corridor Imps - Ph 2 100.00 100.00 Boyers Mill Road 2,119.00 119.00 2,000.00 300.00 1,000.00 500.00 200.00 West Frederick Intersections Improvements 152.00 152.00 Old National Pike (from MD 144 to New Mkt.) 732.00 732.00 329.00 403.00 Shockley Drive/Spectrum Drive 135.00 135.00 135.00 Reichs Ford Road - Phase 2 300.00 300.00 300.00 Yeagertown Road 329.00 329.00 329.00 Reels Mill Road - Ph 2 TOTAL - BUILDING EXCISE TAX 3,867.00 371.00 3,496.00 300.00 1,000.00 964.00 500.00 329.00 403.00

PROJECT NAME: Ijamsville Road Corridor Improvements - Phase II	PROJECT # C28325	DEPARTMENT:	Department of Highways & Transportation
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PROJECT DESCRIPTION/JUSTIFICATION:

This project is an integral part of the Comprehensive Plan for this region. A regional traffic study was conducted and determined that the Ijamsville Road Corridor is the main north-south connection between the Lake Linganore area and I-270. This project will provide a modified minor arterial roadway from the Railroad Tracks near Reichs Ford Road to MD 144, a distance of 2.1 miles. The 2007 ADT south of MD 144 is 3,480 vehicles per day.

BLDG SQFT: ACRES: CAPACITY:

NOTES: All costs are in FY 2012 dollars

	Calendar Year START	Calendar Year END	COSTS (000)
LAND ACQUISITION:	Jul-09	Jun-12	670.00
PLANNING:			
A & E:	Aug-07	Jun-14	480.00
SITE IMPROVEMENTS:	Jul-09	Jun-12	336.00
CONSTRUCTION	Sep-12	Jun-14	5,393.00
INSPECTION:	Sep-12	Jun-14	324.00
EQUIPMENT:			
IIT EQUIPMENT:			
PROJECT MGMT:	Jul-05	Jun-14	208.00
TOTAL COST			7,411.00

FUNDING SOURCE	PROJECT TOTAL (000)	PRIOR APPROVAL (000)	FY2012 (000)	FY2013 (000)	FY2014 (000)	FY2015 (000)	FY2016 (000)	FY2017 (000)	COSTS AFTER 2017 (000)
GENERAL FUND	292.75	10.00	282.75						
G.O. BONDS	7,018.25	1,301.25		5,717.00					
IMPACT FEE	0.00								
RECORDATION TAX	0.00								
ENTERPRISE FUND	0.00								
FEDERAL GRANT	0.00								
STATE GRANT	0.00								
OTHER Bldg Excise Tax	100.00	100.00							
TOTALS	7,411.00	1,411.25	282.75	5,717.00	0.00	0.00	0.00	0.00	0.00

DETAILED STAFF INCREASES:

PROJECT NAME: Boyers Mill Road PROJECT # C28412	DEPARTMENT: Department of Highways and Transportation
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PROJECT DESCRIPTION/JUSTIFICATION:

On September 21, 2010, the BoCC approved to reduce the scope of the Boyers Mill Road project. The new scope will target a number of individual improvement projects throughout the 4 mile corridor that focus on safety, maintenance concerns, and preservation of the existing corridor. Once the individual projects are complete the remaining stretches of roadway will be improved as a widening and overlay project. The estimated costs are for the 4.0 miles of roadway, excluding a 300-foot bridge and 1,000 feet of approach roadway work. The 2009 ADT for this road ranges from 5,300 vehicles per day (northern end) to 8,200 vehicles per day (southern end.)

BLDG SQFT: ACRES: CAPACITY:

NOTES: All costs are in FY 2012 dollars

	Calendar Year START	Calendar Year END	COSTS (000)
LAND ACQUISITION:	Sep-12	Jun-14	1,958.00
PLANNING:			
A & E:	Feb-07	Jun-16	643.00
SITE IMPROVEMENTS:	Sep-12	Jun-14	698.00
CONSTRUCTION	Sep-14	Jun-16	5,200.00
INSPECTION:	Sep-14	Jun-16	208.00
EQUIPMENT:			
IIT EQUIPMENT:			
PROJECT MGMT:	Apr-01	Jun-16	208.00
TOTAL COST			8,915.00

TOTALS	8,915.00	1,514.55	300.00	1,000.00	1,153.45	4,947.00	0.00	0.00	0.00
OTHER Bldg Excise Tax	2232.18	232.18	300.00	1,000.00	500.00	200.00			
STATE GRANT	0.00								
FEDERAL GRANT	0.00								
ENTERPRISE FUND	0.00								
RECORDATION TAX	0.00								
IMPACT FEE	0.00								
G.O. BONDS	6,520.76	1,120.31			653.45	4,747.00			
GENERAL FUND	162.06	162.06							
FUNDING SOURCE	PROJECT TOTAL (000)	PRIOR APPROVAL (000)	FY2012 (000)	FY2013 (000)	FY2014 (000)	FY2015 (000)	FY2016 (000)	FY2017 (000)	COSTS AFTER 2017 (000)

DETAILED STAFF INCREASES:

PROJECT NAME:	West Frederick Intersections Improvements	PROJECT # C28451	DEPARTMENT:	Department of Highways & Transportation
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PROJECT DESCRIPTION/JUSTIFICATION:

On August 4, 2009, the BoCC approved to reduce the scope of the Christophers Crossing Widening project and close the Yellow Springs Road Improvements project. This project replaces both of these projects, and will use as a guide the recommendations included in the "Christophers Crossing/Yellow Springs Road Corridor Traffic Study" dated February 2009. The three intersections for improvements are Christophers Crossing at Yellow Springs Road, Yellow Springs Road at Clover Hill Drive/Tuscarora Drive, and Shookstown Road at Bowers Road/Kemp Lane. There is potential for this project to have scope and schedule modifications depending on re-verification of the traffic volumes at these three intersections in FY'11.

BLDG SQFT: ACRES: CAPACITY:

NOTES: All costs are in FY 2012 dollars

	Calendar Year START	Calendar Year END	COSTS (000)
LAND ACQUISITION:	Jul-12	Jun-13	56.00
PLANNING:			
A & E:	Jul-10	Jun-14	124.00
SITE IMPROVEMENTS:	Jul-12	Jun-13	67.00
CONSTRUCTION	Sep-13	Jun-14	560.00
INSPECTION:	Sep-13	Jun-14	45.00
EQUIPMENT:			
IIT EQUIPMENT:			
PROJECT MGMT:	Jul-10	Jun-14	33.00
TOTAL COST			885.00

FUNDING SOURCE	PROJECT TOTAL (000)	PRIOR APPROVAL (000)	FY2012 (000)	FY2013 (000)	FY2014 (000)	FY2015 (000)	FY2016 (000)	FY2017 (000)	COSTS AFTER 2017 (000)
GENERAL FUND	0.00								
G.O. BONDS	733.00			128.00	605.00				
IMPACT FEE	0.00								
RECORDATION TAX	0.00								
ENTERPRISE FUND	0.00								
FEDERAL GRANT	0.00								
STATE GRANT	0.00								
OTHER Bldg Excise Tax	152.00	152.00							
TOTALS	885.00	152.00	0.00	128.00	605.00	0.00	0.00	0.00	0.00

DETAILED STAFF INCREASES:

ROJECT NAME: Old National Pike - Phase I (from MD 144 to New Market)	PROJECT # C28326	DEPARTMENT:	Department of Highways & Transportation
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PROJECT DESCRIPTION/JUSTIFICATION:

This project will upgrade Old National Pike from MD 144 to New Market to serve future traffic growth in the New Market Region. Old National Pike will be designed and constructed to Minor Arterial standards for a distance of about 2.2 miles. Some of the proposed improvements may include vertical alignment, road widening, shoulder construction, and intersection improvements. This road is designated as an on-street bikeway. The 2009 ADT west of Boyers Mill Road is 8,860 vehicles per day.

BLDG SQFT: ACRES: CAPACITY:

NOTES: All costs are in FY 2012 dollars

	Calendar Year START	Calendar Year END	COSTS (000)
LAND ACQUISITION:			518.00
PLANNING:	Jul-13		173.00
A & E:	Jul-16		403.00
SITE IMPROVEMENTS:			247.00
CONSTRUCTION			3,837.00
INSPECTION:			269.00
EQUIPMENT:			
IIT EQUIPMENT:			
PROJECT MGMT:			192.00
TOTAL COST			5,639.00

FUNDING SOURCE	PROJECT TOTAL (000)	PRIOR APPROVAL (000)	FY2012 (000)	FY2013 (000)	FY2014 (000)	FY2015 (000)	FY2016 (000)	FY2017 (000)	COSTS AFTER 2017 (000)
GENERAL FUND	4,907.00	36.00							4,871.00
G.O. BONDS	0.00								
IMPACT FEE	0.00								
RECORDATION TAX	0.00								
ENTERPRISE FUND	0.00								
FEDERAL GRANT	0.00								
STATE GRANT	0.00								
OTHER Bldg Excise Tax	732.00				329.00			403.00	
TOTALS	5,639.00	36.00	0.00	0.00	329.00	0.00	0.00	403.00	4,871.00

DETAILED STAFF INCREASES:

Salaries/ Fringes	Operating	Capital & One-Time	
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PROJECT NAME: Shockley Drive/Spectrum Drive PROJECT	T # <u>C28389</u> DEPARTMENT:	Department of Highways and Transportation
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PROJECT DESCRIPTION/JUSTIFICATION:

On October 14, 2003, the BoCC approved to add this capital project to initiate a needs/feasibility study. The study will evaluate the needs and feasibility of a proposed connection between Shockley Drive and Spectrum Drive via a new bridge over I-270. This connection can potentially help divert traffic from the congested MD 85/Spectrum Drive intersection.

BLDG SQFT: ACRES: CAPACITY:

NOTES: All costs are in FY 2012 dollars

	Calendar Year START	Calendar Year END	COSTS (000)
LAND ACQUISITION:			
PLANNING:	Jul-12	Jun-14	103.00
A & E:			
SITE IMPROVEMENTS:			
CONSTRUCTION			
INSPECTION:			
EQUIPMENT:			
IIT EQUIPMENT:			
PROJECT MGMT:	Jul-12	Jun-14	34.00
TOTAL COST			137.00

FUNDING SOURCE	PROJECT TOTAL (000)	PRIOR APPROVAL (000)	FY2012 (000)	FY2013 (000)	FY2014 (000)	FY2015 (000)	FY2016 (000)	FY2017 (000)	COSTS AFTER 2017 (000)
GENERAL FUND	2.00	2.00							
G.O. BONDS	0.00								
IMPACT FEE	0.00								
RECORDATION TAX	0.00								
ENTERPRISE FUND	0.00								
FEDERAL GRANT	0.00								
STATE GRANT	0.00								
OTHER Bldg Excise Tax	135.00				135.00				
TOTALS	137.00	2.00	0.00	0.00	135.00	0.00	0.00	0.00	0.00

DETAILED STAFF INCREASES:

ESTIMATED OPERATING COSTS:

117

Salaries/ Fringes		Operating		Capital & One-Time	
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Roads FY12 CIP - Approved

PROJECT NAME: Reich's Ford Road - Phase II	PROJECT #	DEPARTMENT:	Department of Highways and Transportation
PROJECT DESCRIPTION/JUSTIFICATION:			

This project will provide for reconstruction of a two-lane road with shoulders along Reich's Ford Road for a distance of 1.6 miles and the upgrade/replacement of two bridges from Bartonsville Road to Ijamsville Road. The roadway will be designed and constructed to County standards for a Collector road. The 2008 ADT is 820 v ehicles per day.

BLDG SQFT: ACRES: CAPACITY:

NOTES: All costs are in FY 2012 dollars

	Calendar Year	Calendar Year	COSTS
	START	END	(000)
LAND			
ACQUISITION:	Jul-17	Jun-19	1,016.00
PLANNING:	Sep-14	Jun-16	271.00
			- 40.00
A & E:	Sep-16	Jun-21	546.00
SITE			400.00
IMPROVEMENTS:	Jul-17	Jun-19	100.00
CONCEDUCTION	0 10	lum Od	F 000 00
CONSTRUCTION	Sep-19	Jun-21	5,832.00
INSPECTION:	Sep-19	Jun-21	330.00
INST ECTION.	- COP 10	00.17 2.1	300.00
EQUIPMENT:			
TIT EOLIDMENT.			
IIT EQUIPMENT:			
PROJECT MGMT:	Jul-14	Jun-21	220.00
TOTAL COST			8,315.00

FUNDING SOURCE	PROJECT TOTAL (000)	PRIOR APPROVAL (000)	FY2012 (000)	FY2013 (000)	FY2014 (000)	FY2015 (000)	FY2016 (000)	FY2017 (000)	COSTS AFTER 2017 (000)
GENERAL FUND	5,867.00								5,867.00
G.O. BONDS	191.00						191.00		
IMPACT FEE	0.00								
RECORDATION TAX	0.00								
ENTERPRISE FUND	0.00								
FEDERAL GRANT	1,957.00								1,957.00
STATE GRANT	0.00								
OTHER Bldg Excise Tax	300.00					300.00			
TOTALS	8,315.00	0.00	0.00	0.00	0.00	300.00	191.00	0.00	7,824.00

DETAILED STAFF INCREASES:

ESTIMATED OPERATING COSTS:

118

Salaries/ Fringes	Operating	Capital & One-Time	
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Roads FY12 CIP - Approved

PROJECT NAME: Yeagertown Road	PROJECT #	DEPARTMENT:	Department of Highways and Transportation
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PROJECT DESCRIPTION/JUSTIFICATION:

This roadway serves as a link from Boyers Mill Road to either the proposed I-70/Meadow Road Interchange or Ijamsville Road and then to I-270. The project will upgrade the existing tar and chip road to a minor arterial from Boyers Mill Road for approximately 0.7 miles. The remaining 1.1 miles to Old National Pike will be upgraded to a local road status. The project will upgrade the existing tar and chip surface and serve future traffic growth. The 2009 ADT is 1,780 vehicles per day.

BLDG SQFT: ACRES: CAPACITY:

NOTES: All costs are in FY 2012 dollars

	Calendar Year START	Calendar Year END	COSTS (000)
LAND ACQUISITION:	Jul-18	Jun-20	1,403.00
PLANNING:	Sep-15	Jun-17	169.00
A & E:	Sep-17	Jun-22	396.00
SITE IMPROVEMENTS:	Jul-18	Jun-20	250.00
CONSTRUCTION	Sep-20	Jun-22	4,025.00
INSPECTION:	Sep-20	Jun-22	241.00
EQUIPMENT:			
IIT EQUIPMENT:			
PROJECT MGMT:	Jul-15	Jun-22	160.00
TOTAL COST			6,644.00

FUNDING SOURCE	PROJECT TOTAL (000)	PRIOR APPROVAL (000)	FY2012 (000)	FY2013 (000)	FY2014 (000)	FY2015 (000)	FY2016 (000)	FY2017 (000)	COSTS AFTER 2017 (000)
GENERAL FUND	6,315.00								6,315.00
G.O. BONDS	0.00								
IMPACT FEE	0.00								
RECORDATION TAX	0.00								
ENTERPRISE FUND	0.00								
FEDERAL GRANT	0.00								
STATE GRANT	0.00								
OTHER Bldg Excise Tax	329.00						329.00		
TOTALS	6,644.00	0.00	0.00	0.00	0.00	0.00	329.00	0.00	6,315.00

DETAILED STAFF INCREASES:

Salaries/ Fringes	Operating	Capital & One-Time	
ringes		Office Tilling	

PROJECT NAME: Reels Mill Road - Phase II	PROJECT #	DEPARTMENT:	Department of Highways and Transportation	
PROJECT DESCRIPTION/JUSTIFICATION:				
This roadway is a primary route between Reichs Ford Road and I-270	0. The project will improve Reels Mill Road from	m MD 355 to Ball Road to meet Loc	al Road standards. The total project length is	

approximately 1.0 mile. The 2008 ADT is 700 vehicles per day.

BLDG SQFT: ACRES: CAPACITY:

NOTES: All costs are in FY 2012 dollars

	Calendar Year START	Calendar Year END	COSTS (000)
LAND ACQUISITION:	Jul-18	Jun-20	548.00
PLANNING:	Sep-15	Jun-17	99.00
A & E:	Sep-17	Jun-22	230.00
SITE IMPROVEMENTS:	Jul-18	Jun-20	218.00
CONSTRUCTION	Sep-20	Jun-22	2,053.00
INSPECTION:	Sep-20	Jun-22	124.00
EQUIPMENT:			
IIT EQUIPMENT:			
PROJECT MGMT:	Jul-15	Jun-22	82.00
TOTAL COST			3,354.00

FUNDING SOURCE	PROJECT TOTAL (000)	PRIOR APPROVAL (000)	FY2012 (000)	FY2013 (000)	FY2014 (000)	FY2015 (000)	FY2016 (000)	FY2017 (000)	COSTS AFTER 2017 (000)
GENERAL FUND	3,354.00						181.00		3,173.00
G.O. BONDS	0.00								
IMPACT FEE	0.00								
RECORDATION TAX	0.00								
ENTERPRISE FUND	0.00								
FEDERAL GRANT	0.00								
STATE GRANT	0.00								
OTHER	0.00								
TOTALS	3,354.00	0.00	0.00	0.00	0.00	0.00	181.00	0.00	3,173.00

DETAILED STAFF INCREASES: